

COMPRESSED LEXICON AND METHOD AND APPARATUS FOR CREATING AND ACCESSING THE LEXICON

ABSTRACT OF THE DISCLOSURE

5 A compressed lexicon is built by receiving a
word list, which includes word-dependent data
associated with each word in the word list. A word
is selected from the word list. A hash value is
generated based on the selected word, and the hash
10 value identifies an address in a hash table which, in
turn, is written with a location in lexicon memory
that is to hold the compressed form of the selected
word, and the compressed word-dependent data
associated with the selected word. The word is then
15 encoded, or compressed, as is its associated word-
dependent data. This information is written at the
identified location in the lexicon memory.